| L      | Hits | Search Text   | DB   | Time stamp          |
|--------|------|---|--|---------------------|
| Number |      |   |  | 2004/07/15          |
| 1      | 54   | "5930230"   | USPAT;<br>US-PGPUB;<br>EPO; JPO;                       | 2004/07/15          |
| 4      | 1183 | "4901307"   | DERWENT<br>USPAT;<br>US-PGPUB;<br>EPO; JPO;            | 2004/07/15<br>11:06 |
| 13     | 7    | (Packet adjl Data adjl Control adjl<br>Channel or PDCCH) with (1\$1bit or<br>2\$1bit\$1)  | DERWENT<br>USPAT;<br>US-PGPUB;<br>EPO; JPO;            | 2004/07/15<br>13:03 |
| 14     | 258  | (Bae with Sang-Min) or (cho with Young-Kwon) or (Choi with Ho-Kyu) or (Kim with Youn-Sun) or (Heo with Jin-Woo) or (Hwang with Jong-Yoon) or (Lee with Hyun-Woo) or (Kim with Sung-Jin) or (Yi with Chu-Hyon) or (Ku with Sun-Gi) or (Kwon with Hwan-Joon) or | DERWENT<br>USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/07/15          |
| 15     | 1    | (Lee with Ju-Ho) 375/.ccls. and F\$1PPDCCH and F\$1SPDCCH   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT            | 2004/07/15          |
| 17     | 10   | 375/.ccls. and block adj1 encod\$3 and ((squence or symbol\$1) adj1 repetition) and (modulat\$3 with QPSK) and walsh adj1 cod\$3 and (preamble and length)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT            | 2004/07/15          |
| 18     | 5    |   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT            | 2004/07/15<br>13:11 |
| -      | 1    | (first and second) adj1 preamble adj1 channel   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT            | 2004/07/14<br>14:08 |
| -      | 9    | (first and second) adj1 preamble with channel\$1  | USPAT;<br>US-PGPUB;<br>EPO; JPO;                       | 2004/07/13<br>15:16 |
| _      | 1244 | "5103459"   | DERWENT<br>USPAT;<br>US-PGPUB;<br>EPO; JPO;            | 2004/07/13<br>15:14 |
| -      | 362  | "5414796"   | DERWENT<br>USPAT;<br>US-PGPUB;<br>EPO; JPO;            | 2004/07/13<br>15:13 |
| -      | 157  | "4901307" and preamble  | DERWENT<br>USPAT;<br>US-PGPUB;<br>EPO; JPO;            | 2004/07/13<br>15:15 |
| _      | 174  | "5103459" and preamble  | DERWENT USPAT; US-PGPUB; EPO; JPO;                     | 2004/07/13<br>15:14 |
| _ **   | 1    | (first and second) adj1 preamble with channel\$1 with length  | DERWENT<br>USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/07/13<br>15:16 |
| -      | 6    | "5103459" and preamble adj1 length and (first adj1 preamble) and second adj1 preamble   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT            | 2004/07/13<br>16:35 |
| -      | 6    | "5414796" and preamble adj1 length and (first adj1 preamble) and second adj1 preamble   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT            | 2004/07/13<br>16:35 |

| - | 18 | "5414796" and preamble adj1 length  | USPAT;<br>US-PGPUB;<br>EPO; JPO;            | 2004/07/13<br>16:29 |
|---|----|---|---|---------------------|
| _ | 22 | "4901307" and preamble adj1 length  | DERWENT<br>USPAT;                           | 2004/07/13          |
|   |    |   | US-PGPUB;<br>EPO; JPO;<br>DERWENT           | 16:29               |
| - | 25 | "5103459" and preamble adj1 length  | USPAT;<br>US-PGPUB;<br>EPO; JPO;            | 2004/07/13          |
| - | 3  | "4901307" and (((first adj1 preamble) and (second adj1 preamble)) with channel\$1)              | DERWENT<br>USPAT;<br>US-PGPUB;<br>EPO; JPO; | 2004/07/13<br>16:36 |
| - | 3  | "5103459" and (((first adj1 preamble) and (second adj1 preamble)) with channel\$1)              | DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT  | 2004/07/13<br>16:41 |
| - | 2  | "5103459" and (first adj1 preamble) and second adj1 preamble with packet\$1                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/07/13<br>16:40 |
| - | 18 | (first adj1 preamble) and second adj1 preamble with packet\$1                                   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/07/14 16:41    |
| - | 2  | (preamble adj1 channel with packet\$1 with length) and (traffic adj1 channel\$1 with packet\$1) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/07/14          |
| - | 8  | ((first adj1 preamble) with (second adj1 preamble)) with packet\$1                              | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/07/14 10:25    |
| - | 3  | (preamble adj1 channel) and (traffic adj1 channel\$1 with packet\$1 with length)                | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/07/14 10:27    |
| _ | 11 | (preamble adj1 channel) and (traffic adj1 channel\$1 with packet\$1)                            | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/07/14 10:39    |
| - | 1  |   | USPAT                                       | 2004/07/14          |
| - | 1  | · · ·   | USPAT                                       | 2004/07/14          |
| _ | 3  | "6625172"   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/07/14          |
| - | 2  | (preamble adj1 channel with length) and (traffic adj1 channel\$1 with packet\$1)                | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/07/14          |
| - | 1  | ((first adj1 preamble) with (second adj1 preamble)) with (packet\$1 and channel\$1)             | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/07/14 10:47    |
| - | 12 | F\$1PPDCCH  | USPAT;<br>US-PGPUB;<br>EPO; JPO;            | 2004/07/14          |
| _ | 1  | (F\$1PPDCCH and F\$1SPDCCH) with preamble with length with traffic adj1 channel\$1              | DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT  | 2004/07/14          |
| _ | 11 | F\$1PPDCCH and F\$1SPDCCH   | USPAT;<br>US-PGPUB;<br>EPO; JPO;            | 2004/07/15<br>13:03 |
| 1 | 1  |   | DERWENT                                     |                     |

Search History

7/15/04 2:03:59 PM

| _ | 1  |  | USPAT                                       | 2004/07/14<br>11:40 |
|---|----|--|---|---------------------|
| - | 1  |  | USPAT                                       | 2004/07/14          |
| - | 1  |  | USPAT                                       | 2004/07/14          |
| - | 8  | F\$1PPDCCH and F\$1SPDCCH and walsh adj1 code  | USPAT;<br>US-PGPUB;<br>EPO; JPO;            | 2004/07/14<br>11:45 |
| - | 19 | (Packet adj1 Data adj1 Control adj1 Channel or PDCCH) with (primary and secondary)   | DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT  | 2004/07/14          |
| - | 32 | (Packet adj1 Data adj1 Control adj1 Channel or PDCCH) with (one adj1 bit or twoadj1 bit\$1)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/07/15          |
| - | 3  | (Packet adj1 Data adj1 Control adj1 Channel or PDCCH) with (one adj1 bit or two adj1 bit\$1)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/07/14          |
| - | 12 | ((Bae with Sang-Min) or ( cho with Young-Kwon) or (Choi with Ho-Kyu) or (Kim with Youn-Sun) or (Heo with Jin-Woo) or (Hwang with Jong-Yoon) or (Lee with Hyun-Woo ) or (Kim with Sung-Jin) or (Yi with Chu-Hyon) or (Ku with Sun-Gi) or (Kwon with Hwan-Joon) or (Lee with Ju-Ho)) and block adj1 encod\$3 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/07/14<br>14:06 |
| - | 8  | ((Odenwalder with Joseph) or (Sarkar with Sandip) or (Lundby with Stein)) and block adj1 encod\$3  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/07/14<br>15:52 |
| - | 1  | ((Odenwalder with Joseph) or (Sarkar with Sandip) or (Lundby with Stein)) and (block adj1 encod\$3) and (QPSK with modulat\$4) and (sequence with repetition) and (walsh adj1 cod\$3)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/07/14          |
| - | 12 | (block adj1 encod\$3) and (QPSK with modulat\$4) and (sequence with repetition) and (walsh adj1 cod\$3)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/07/14 14:21    |
| - | 2  | (block adj1 encod\$3) and (QPSK adj1 modulat\$4) and (sequence adj1 repetition) and (walsh adj1 cod\$3)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/07/14          |
| _ | 15 | 08/722763  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/07/15          |
| - | 7  | ((Odenwalder with Joseph) or (Sarkar with<br>Sandip) or (Lundby with Stein)) and block<br>adj1 encod\$3 and ((squence or symbol\$1)<br>adj1 repetition) and modulat\$3   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/07/14<br>15:57 |
| - | 5  | ((Odenwalder with Joseph) or (Sarkar with<br>Sandip) or (Lundby with Stein)) and block<br>adj1 encod\$3 and ((squence or symbol\$1)<br>adj1 repetition) and (modulat\$3 with   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/07/14 15:59    |
| - | 3  | QPSK) and walsh adj1 cod\$3 ((Odenwalder with Joseph) or (Sarkar with Sandip) or (Lundby with Stein)) and block adj1 encod\$3 and ((squence or symbol\$1) adj1 repetition) and (modulat\$3 with QPSK) and walsh adj1 cod\$3 and preamble   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/07/14 16:08    |
| - | 16 | block adj1 encod\$3 and ((squence or symbol\$1) adj1 repetition) and (modulat\$3 with QPSK) and walsh adj1 cod\$3 and (preamble and length)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/07/15          |

| _   | 11 | block adj1 encod\$3 and ((squence or        | USPAT;    | 2004/07/15 |
|-----|----|---|-----------|------------|
|     |    | symbol\$1) adj1 repetition) and (modulat\$3 | US-PGPUB; | 13:04      |
|     |    | with QPSK) and walsh adj1 cod\$3 and        | EPO; JPO; |            |
|     |    | (preamble adjl length)                      | DERWENT   |            |
| 1 - | 58 | "5414796" and preamble                      | USPAT;    | 2004/07/14 |
|     |    | _   | US-PGPUB; | 16:34      |
|     |    | ,   | EPO; JPO; |            |
|     | -  |   | DERWENT   |            |
| -   | 2  | (first adj1 preamble) and second adj1       | USPAT;    | 2004/07/14 |
| 1   |    | preamble with packet\$1 with length         | US-PGPUB; | 16:41      |
|     |    |   | EPO; JPO; |            |
|     |    |   | DERWENT   | l          |